

APPENDIX A

Mobile Telephony

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Table 1: CTIA's Semi-Annual Mobile Telephone Industry Survey

Date	Estimated Subscribers	Year End over Year End Subscriber Increase	Total Six-Month Service Revenues (000s)	Roamer Services Revenues	Cell Sites	Employees	Cumulative Capital Investment (000s)	Average Local Monthly Bill
Jan 85	91,600		\$178,085		346	1,404	\$354,760	
June 85	203,600		\$176,231		599	1,697	\$588,751	
Dec 85	340,213	248,613	\$306,197		913	2,727	\$911,167	
June 86	500,000		\$360,585		1,194	3,556	\$1,140,163	
Dec 86	681,825	341,612	\$462,467		1,531	4,334	\$1,436,753	
June 87	883,778		\$479,514		1,732	5,656	\$1,724,348	
Dec 87	1,230,855	549,030	\$672,005		2,305	7,147	\$2,234,635	\$96.83
June 88	1,608,697		\$886,075		2,789	9,154	\$2,589,589	\$95.00
Dec 88	2,069,441	838,586	\$1,073,473	\$89,331	3,209	11,400	\$3,274,105	\$98.02
June 89	2,691,793		\$1,406,463	\$121,368	3,577	13,719	\$3,675,473	\$85.52
Dec 89	3,508,944	1,439,503	\$1,934,132	\$173,199	4,169	15,927	\$4,480,141	\$83.94
June 90	4,368,686		\$2,126,362	\$192,350	4,768	18,973	\$5,211,765	\$83.94
Dec 90	5,283,055	1,774,111	\$2,422,458	\$263,660	5,616	21,382	\$6,281,596	\$80.90
June 91	6,380,053		\$2,653,505	\$302,329	6,685	25,545	\$7,429,739	\$74.56
Dec 91	7,557,148	2,274,093	\$3,055,017	\$401,325	7,847	26,327	\$8,671,544	\$72.74
June 92	8,892,535		\$3,633,285	\$436,725	8,901	30,595	\$9,276,139	\$68.51
Dec 92	11,032,753	3,475,605	\$4,189,441	\$537,146	10,307	34,348	\$11,262,070	\$68.68
June 93	13,067,318		\$4,819,259	\$587,347	11,551	36,501	\$12,775,967	\$67.31
Dec 93	16,009,461	4,976,708	\$6,072,906	\$774,266	12,805	39,775	\$13,946,406	\$61.48
June 94	19,283,306		\$6,519,030	\$778,116	14,740	45,606	\$16,107,920	\$58.65
Dec 94	24,134,421	8,124,960	\$7,710,890	\$1,052,666	17,920	53,902	\$18,938,677	\$56.21
June 95	28,154,415		\$8,740,352	\$1,120,337	19,833	60,624	\$21,709,286	\$52.45
Dec 95	33,785,661	9,651,240	\$10,331,614	\$1,422,233	22,663	68,165	\$24,080,466	\$51.00
June 96	38,195,466		\$11,194,247	\$1,314,943	24,802	73,365	\$26,707,046	\$48.84
Dec 96	44,042,992	10,257,331	\$12,440,724	\$1,465,992	30,045	84,161	\$32,573,522	\$47.70
June 97	48,705,553		\$13,134,551	\$1,392,440	38,650	97,039	\$37,454,294	\$43.86
Dec 97	55,312,293	11,269,301	\$14,351,082	\$1,581,765	51,600	109,387	\$46,057,911	\$42.78
June 98	60,831,431		\$15,286,660	\$1,584,891	57,674	113,111	\$50,178,812	\$39.88
Dec 98	69,209,321	13,897,028	\$17,846,515	\$1,915,578	65,887	134,754	\$60,542,774	\$39.43
June 99	76,284,753		\$19,368,304	\$1,922,416	74,157	141,929	\$66,782,827	\$40.24
Dec 99	86,047,003	16,837,682	\$20,650,185	\$2,163,001	81,698	155,817	\$71,264,865	\$41.24
June 00	97,035,925		\$24,645,365	\$1,971,625	95,733	159,645	\$76,652,358	\$45.15
Dec 00	109,478,031	23,431,028	\$27,820,655	\$1,911,356	104,288	184,449	\$89,624,387	\$45.27
June 01	118,397,734		\$30,905,721	\$1,727,058	114,059	186,317	\$99,728,965	\$45.56
Dec 01	128,374,512	18,896,481	\$34,110,163	\$2,209,387	127,540	203,580	\$105,030,101	\$47.37
June 02	134,561,370		\$36,707,086	\$1,846,267	131,350	186,956	\$118,418,677	\$47.42
Dec 02	140,766,842	12,392,330	\$39,801,101	\$2,049,245	139,338	192,410	\$126,922,347	\$48.40
June 03	148,065,824		\$41,384,171	\$1,825,243	147,719	187,169	\$134,147,049	\$49.46
Dec 03	158,721,981	17,955,139	\$46,239,922	\$1,941,024	162,986	205,629	\$145,866,914	\$49.91
June 04	169,467,393		\$49,275,671	\$2,015,780	174,368	212,186	\$156,700,380	\$49.49
Dec 04	182,140,362	23,418,381	\$52,854,539	\$2,194,532	175,725	226,016	\$173,793,507	\$50.64

Source: CTIA, *Background on CTIA's Semi-Annual Wireless Industry Survey*
http://www.ctia.org/research_statistics/statistics/index.cfm/AID/10030.

Table 2: FCC's Semi-Annual Local Telephone Competition Survey

State	December 2004		Subscribers												Percent Change Dec 03 - Dec 04
	Carriers ¹	Percent Resold ²	1999		2000		2001		2002		2003		2004		
			Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Alabama	10	9 %	1,880,410	1,253,084	1,386,294	1,930,631	1,979,075	2,027,845	1,987,254	2,100,557	2,242,188	2,381,847	2,580,818	15 %	
Alaska	4	6	165,221	169,892	*	218,424	240,216	242,133	267,630	*	303,184	387,323	321,152	6	
American Samoa	*	*	0	0	0	0	0	0	0	0	0	*	*	NA	
Arizona	12	11	1,125,321	1,624,668	1,855,115	2,018,410	2,171,021	2,412,998	2,520,058	2,643,952	2,843,061	3,879,657	3,299,272	16	
Arkansas	6	5	719,919	715,467	743,928	891,275	970,127	1,130,302	1,156,345	1,351,291	1,296,901	1,376,564	1,458,673	12	
California	13	8	8,544,941	12,283,369	12,710,520	14,184,625	15,052,203	16,007,376	17,575,105	18,892,619	20,360,454	21,575,797	23,457,761	15	
Colorado	9	7	1,532,718	1,654,989	1,856,075	1,983,405	2,145,816	2,347,166	2,358,748	2,426,929	2,554,731	2,727,910	2,808,195	10	
Connecticut	5	4	1,077,089	1,136,618	1,277,123	1,418,367	1,639,914	1,577,873	1,694,110	1,791,944	1,928,988	2,064,204	2,181,133	13	
Delaware	5	5	270,848	275,219	371,814	389,284	412,611	433,059	438,196	503,353	543,526	583,452	646,064	19	
Dist. of Columbia	5	9	346,641	333,815	354,735	382,457	404,489	415,199	472,832	520,182	513,102	555,948	657,774	28	
Florida	8	15	5,158,079	4,983,478	6,349,985	7,536,670	8,337,063	8,607,715	9,482,349	10,252,348	10,885,430	11,916,615	13,169,278	21	
Georgia	12	8	2,538,983	2,687,238	2,754,784	4,076,119	4,149,717	4,300,831	4,487,576	4,709,288	4,940,081	5,332,517	5,730,223	16	
Guam	*	*	*	*	0	*	*	*	*	*	*	*	*	NA	
Hawaii	5	1	288,425	454,364	524,291	543,283	595,721	640,247	689,857	732,262	771,023	819,262	880,965	14	
Idaho	9	14	271,436	296,066	344,564	398,781	444,864	500,693	536,064	572,406	605,488	653,779	705,948	17	
Illinois	9	7	3,922,482	4,309,688	5,143,767	5,621,044	5,631,172	5,409,370	6,476,683	6,834,217	7,181,989	7,529,966	8,075,938	12	
Indiana	7	13	1,318,975	1,717,378	1,715,074	1,781,247	1,921,356	2,032,290	2,390,567	2,456,509	2,642,810	2,844,568	3,158,002	19	
Iowa	10	10	774,723	975,629	832,106	861,382	1,087,608	1,157,580	1,239,384	1,280,105	1,342,931	1,445,711	1,557,542	16	
Kansas	11	6	669,472	724,024	801,293	901,225	956,090	1,061,171	1,117,277	1,195,230	1,261,242	1,345,160	1,454,087	15	
Kentucky	10	10	911,700	999,544	1,026,334	1,176,756	1,405,043	1,505,982	1,456,785	1,595,290	1,812,697	2,003,459	2,189,345	21	
Louisiana	8	14	1,227,106	1,294,693	1,386,457	1,677,292	1,828,740	2,187,811	2,190,613	2,365,224	2,470,146	2,547,153	2,834,716	15	
Maine	6	2	187,003	283,640	359,786	399,616	427,313	457,835	466,894	524,246	568,159	618,533	662,623	17	
Maryland	7	7	1,634,625	2,013,058	2,298,651	2,446,818	2,614,216	2,684,441	2,913,943	3,108,086	3,319,605	3,575,747	3,900,172	17	
Massachusetts	5	5	1,892,014	2,228,169	2,649,130	2,753,685	2,996,816	3,289,984	3,373,726	3,506,019	3,741,975	3,919,139	4,042,592	8	
Michigan	11	8	3,512,813	3,423,515	3,551,719	4,071,081	4,238,399	4,758,538	4,674,983	4,888,269	5,114,259	5,400,637	5,766,616	13	
Minnesota	10	13	1,530,411	1,595,569	1,851,430	2,014,317	2,153,857	2,254,895	2,411,833	2,564,783	2,677,672	2,825,079	2,973,126	11	
Mississippi	8	13	673,355	509,038	786,577	993,781	1,048,061	1,086,700	1,112,765	1,232,730	1,324,169	1,411,277	1,517,702	15	
Missouri	10	8	1,855,452	1,848,775	1,767,411	1,937,684	2,106,599	2,246,430	2,289,831	2,515,325	2,691,255	2,859,953	3,109,167	16	
Montana	*	*	*	*	*	*	279,349	291,429	315,512	343,160	373,947	*	*	NA	
Nebraska	8	5	576,296	600,885	659,380	712,685	791,799	838,568	867,810	900,744	937,184	984,355	1,045,810	12	
Nevada	7	10	758,335	825,163	684,752	766,581	842,155	895,586	984,486	1,077,380	1,216,838	1,319,684	1,463,370	20	
New Hampshire	7	11	280,508	309,263	387,264	445,181	492,390	529,795	525,689	591,504	648,788	686,746	727,985	12	
New Jersey	5	4	2,289,181	2,750,024	3,375,130	3,896,778	4,283,643	4,531,457	4,587,640	5,392,240	5,799,417	6,326,459	7,388,722	27	
New Mexico	9	17	363,877	395,111	443,343	619,582	669,849	735,107	780,855	828,869	859,408	939,091	987,813	15	
New York	9	7	4,833,816	5,016,524	5,918,136	6,749,096	7,429,249	7,915,526	8,937,683	8,829,070	9,453,613	9,939,759	10,834,741	15	
North Carolina	11	9	2,538,068	2,730,178	3,105,811	3,377,331	3,787,998	4,610,120	4,084,715	4,305,521	4,564,723	4,875,916	5,363,638	18	
North Dakota	4	15	*	*	*	*	*	245,578	*	*	*	*	373,445	NA	
Ohio	12	7	3,237,786	3,278,960	4,150,498	4,253,934	4,739,785	4,887,376	5,212,284	5,659,459	5,817,211	6,188,081	6,627,910	14	
Oklahoma	12	6	826,637	979,513	1,124,214	1,200,234	1,288,357	1,366,475	1,440,970	1,574,588	1,614,181	1,724,505	1,740,122	9	
Oregon	9	5	914,848	1,082,425	1,201,207	1,268,908	1,399,279	1,471,883	1,682,343	1,682,036	1,778,936	1,894,285	2,029,234	14	
Pennsylvania	9	8	2,767,474	3,852,372	4,129,186	4,378,216	4,349,085	4,987,067	5,258,844	5,681,653	6,073,573	6,400,037	7,037,296	16	
Puerto Rico	6	7	*	1,090,001	797,613	1,374,747	1,128,236	1,136,619	1,316,808	1,401,599	1,691,268	1,698,702	2,076,698	27	
Rhode Island	5	5	279,304	313,550	355,889	401,805	456,059	463,636	515,547	527,366	567,331	613,598	667,489	7	
South Carolina	11	15	1,137,232	1,236,338	1,392,586	1,502,345	1,732,457	1,830,516	1,896,369	2,041,541	2,149,480	2,337,367	2,168,257	10	
South Dakota	5	11	*	*	*	*	278,646	292,210	325,114	344,825	365,211	382,906	428,513	17	
Tennessee	12	9	1,529,054	1,876,444	1,985,851	2,251,208	2,510,978	2,660,068	2,674,566	2,800,735	2,974,512	3,171,487	3,531,286	19	
Texas	18	9	5,782,453	6,705,423	7,548,537	8,294,338	9,156,187	9,650,715	10,139,280	10,776,234	11,327,708	12,091,134	13,092,007	16	
Utah	8	9	643,824	692,006	758,244	831,492	919,002	970,854	1,052,522	1,094,563	1,154,992	1,229,029	1,345,205	16	
Vermont	*	*	*	*	*	*	*	*	*	*	*	*	*	NA	
Virgin Islands	*	*	*	0	0	*	*	*	*	*	*	*	*	NA	
Virginia	9	4	2,262,567	2,447,687	2,788,342	3,050,420	3,270,163	3,429,450	3,753,106	3,879,582	4,147,182	4,392,319	4,240,462	2	
Washington	8	11	1,875,475	2,144,767	2,286,082	2,893,214	2,706,030	2,849,043	2,868,784	3,102,750	3,177,193	3,567,896	3,770,602	12	
West Virginia	9	10	241,265	347,916	392,384	452,036	498,811	548,722	576,503	579,983	675,257	713,657	741,658	13	
Wisconsin	11	8	1,525,818	1,342,918	1,698,520	2,008,679	2,229,389	2,523,956	2,396,562	2,533,215	2,723,985	2,831,645	2,997,029	10	
Wyoming	4	5	127,634	*	*	173,999	194,665	168,232	191,939	276,344	295,706	277,698	302,203	2	
Nationwide	76	9 %	79,696,083	90,643,058	101,842,219	114,028,928	123,990,857	130,751,459	138,878,293	147,623,734	157,042,082	167,313,001	181,105,135	15 %	

NA - Not Applicable

* Data withheld to maintain firm confidentiality.

1/ Carriers with under 10,000 subscribers in a state were not required to report for that state.

2/ Percentage of mobile wireless subscribers receiving their service from a mobile wireless reseller.

Source: Local Telephone Competition: Status as of December 31, 2004, Federal Communications Commission, July 2005 (Table 13: Mobile Wireless Telephone Subscribers).

Table 3: Economic Area Penetration Rates

EA	EA Name	Subscribers	EA Population	2004 Penetration Rate	2004 HHI	2003 Penetration Rate	EA density
40	Atlanta, GA-AL-NC	4,399,986	5,471,412	80%	2096	69.94%	246.04
13	Washington-Baltimore, DC-MD-VA-WV-PA	6,600,891	8,403,130	79%	2283	66.31%	402.76
32	Fort Myers-Cape Coral, FL	537,603	692,265	78%	1799	65.91%	234.27
161	San Diego, CA	2,189,741	2,813,833	78%	2486	68.34%	660.48
81	Pensacola, FL	478,740	623,252	77%	1744	61.33%	154.06
153	Las Vegas, NV-AZ-UT	1,307,988	1,709,797	77%	2155	62.18%	23.74
130	Austin-San Marcos, TX	1,020,472	1,349,267	76%	2440	65.22%	156.06
29	Jacksonville, FL-GA	1,411,557	1,885,190	75%	1797	62.25%	112.52
30	Orlando, FL	2,690,742	3,642,540	74%	2288	59.32%	265.84
31	Miami-Fort Lauderdale, FL	4,169,125	5,602,222	74%	2080	64.19%	483.20
172	Honolulu, HI	896,643	1,211,537	74%	2200	65.23%	187.20
34	Tampa-St. Petersburg-Clearwater, FL	1,718,969	2,395,997	72%	1727	59.30%	890.99
74	Huntsville, AL-TN	710,709	997,824	71%	2560	56.73%	119.14
78	Birmingham, AL	1,121,667	1,578,903	71%	2265	59.22%	137.13
141	Denver-Boulder-Greeley, CO-KS-NE	2,820,176	3,984,105	71%	2025	63.02%	52.02
57	Detroit-Ann Arbor-Flint, MI	4,847,876	6,963,637	70%	2118	61.71%	364.07
131	Houston-Galveston-Brazoria, TX	3,916,762	5,632,853	70%	2313	61.07%	169.25
160	Los Angeles-Riverside-Orange County, CA-AZ	12,682,749	18,003,420	70%	2433	61.22%	286.10
10	New York-No. New Jer.-Long Island, NY-NJ-CT-PA-MA-VT	17,679,758	25,712,577	69%	2326	59.46%	890.56
12	Philadelphia-Wilmington-Atl. City, PA-NJ-DE-MD	5,066,628	7,309,792	69%	2409	59.60%	778.84
19	Raleigh-Durham-Chapel Hill, NC	1,255,088	1,831,510	69%	1865	59.35%	188.38
39	Columbus, GA-AL	343,102	496,538	69%	1669	54.98%	84.08
163	San Francisco-Oakland-San Jose, CA	6,328,740	9,111,806	69%	2598	62.83%	271.07
170	Seattle-Tacoma-Bremerton, WA	2,845,745	4,135,291	69%	2336	60.65%	190.45
23	Charlotte-Gastonia-Rock Hill, NC-SC	1,380,459	2,031,519	68%	2019	60.25%	240.50
26	Charleston-North Charleston, SC	402,224	587,297	68%	1908	61.90%	149.80
79	Montgomery, AL	326,555	481,137	68%	1724	58.56%	66.86
158	Phoenix-Mesa, AZ-NM	2,322,685	3,407,197	68%	1807	58.49%	93.91
164	Sacramento-Yolo, CA	1,579,733	2,311,567	68%	2545	61.61%	188.08
3	Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH-RI-VT	5,318,293	7,954,554	67%	2319	56.95%	421.83
33	Sarasota-Bradenton, FL	510,392	763,795	67%	1863	54.54%	273.56
70	Louisville, KY-IN	943,702	1,416,914	67%	2233	54.65%	180.92
103	Cedar Rapids, IA	256,339	384,577	67%	2826	60.50%	101.33
15	Richmond-Petersburg, VA	953,153	1,446,123	66%	1895	57.48%	124.03
20	Norfolk-Virginia Beach-Newport News, VA-NC	1,142,954	1,722,764	66%	1712	59.00%	289.89
99	Kansas City, MO-KS	1,631,707	2,469,340	66%	1954	57.38%	88.73
127	Dallas-Fort Worth, TX-AR-OK	5,068,892	7,645,530	66%	2708	57.15%	119.00
35	Tallahassee, FL-GA	470,295	720,434	65%	2105	57.29%	63.51
64	Chicago-Gary-Kenosha, IL-IN-WI	6,747,713	10,328,854	65%	1884	57.63%	556.34
71	Nashville, TN-KY	1,567,076	2,444,643	64%	2212	54.18%	105.12
107	Minneapolis-St. Paul, MN-WI-IA	2,887,659	4,498,286	64%	1554	56.07%	82.98
134	San Antonio, TX	1,363,432	2,141,060	64%	2687	53.76%	82.99
151	Reno, NV-CA	428,904	670,013	64%	2115	53.90%	7.56
24	Columbia, SC	583,258	932,115	63%	2170	56.63%	125.95
73	Memphis, TN-AR-MS-KY	1,178,159	1,882,332	63%	2395	53.62%	102.99
80	Mobile, AL	425,052	676,258	63%	2431	53.04%	74.75

EA	EA Name	Subscribers	EA Population	2004 Penetration Rate	2004 HHI	2003 Penetration Rate	EA density
82	Bitoxi-Gulfport-Pascagoula, MS	251,602	396,754	63%	1844	53.75%	143.45
83	New Orleans, LA-MS	1,085,200	1,725,338	63%	2570	55.47%	171.93
84	Baton Rouge, LA-MS	467,751	739,673	63%	4103	55.27%	140.30
98	Columbia, MO	231,264	369,014	63%	3565	55.71%	58.00
148	Idaho Falls, ID-WY	192,820	306,120	63%	2540	55.56%	10.85
167	Portland-Salem, OR-WA	1,826,079	2,883,737	63%	2251	55.36%	76.01
22	Fayetteville, NC	325,395	528,224	62%	1880	53.39%	164.57
42	Asheville, NC	277,559	444,594	62%	3609	55.53%	128.63
44	Knoxville, TN	612,077	983,329	62%	2266	53.35%	165.64
49	Cincinnati-Hamilton, OH-KY-IN	1,346,650	2,184,860	62%	2136	55.45%	294.08
97	Springfield, IL-MO	319,432	517,462	62%	3518	54.00%	58.20
119	Lincoln, NE	234,631	379,321	62%	3819	56.68%	50.24
159	Tucson, AZ	619,700	999,882	62%	1741	54.32%	60.03
11	Harrisburg-Lebanon-Carlisle, PA	684,542	1,125,265	61%	2906	52.43%	292.42
41	Greenville-Spartanburg-Anderson, SC-NC	766,407	1,248,824	61%	2731	54.12%	183.62
51	Columbus, OH	1,443,359	2,349,060	61%	2279	52.99%	190.40
63	Milwaukee-Racine, WI	1,364,308	2,255,183	61%	2339	54.37%	366.88
96	St. Louis, MO-IL	2,175,046	3,558,651	61%	2613	53.89%	127.01
106	Rochester, MN-IA-WI	193,151	318,374	61%	3176	54.62%	55.65
125	Oklahoma City, OK	1,034,482	1,698,197	61%	3714	41.90%	65.04
143	Casper, WY-ID-UT	247,762	408,708	61%	4378	53.74%	5.17
150	Boise City, ID-OR	349,835	574,876	61%	2391	52.95%	13.69
152	Salt Lake City-Ogden, UT-ID	1,267,573	2,088,974	61%	2137	52.91%	35.68
25	Wilmington, NC-SC	523,937	878,267	60%	1828	53.28%	107.39
28	Savannah, GA-SC	399,420	668,214	60%	1760	58.73%	91.95
43	Chattanooga, TN-GA	432,342	720,375	60%	2476	51.54%	145.32
85	Lafayette, LA	363,382	601,654	60%	4003	52.27%	99.99
90	Little Rock-North Little Rock, AR	960,972	1,614,850	60%	3968	53.70%	46.09
111	Minot, ND	66,357	111,195	60%	3465	*	7.00
118	Omaha, NE-IA-MO	628,799	1,044,156	60%	1985	54.63%	62.40
137	Lubbock, TX	223,809	374,626	60%	2669	52.16%	27.17
156	Albuquerque, NM-AZ	550,868	921,086	60%	2012	53.41%	20.89
50	Dayton-Springfield, OH	665,914	1,133,004	59%	2354	53.67%	318.52
89	Monroe, LA	196,091	333,519	59%	4044	51.46%	56.12
92	Fayetteville-Springdale-Rogers, AR-MO-OK	238,069	405,160	59%	3685	52.01%	88.43
124	Tulsa, OK-KS	822,803	1,384,426	59%	2777	52.59%	72.44
155	Farmington, NM-CO	115,064	193,872	59%	4516	50.11%	16.04
2	Portland, ME	430,714	748,817	58%	2614	49.50%	98.56
18	Greensboro-Winston-Salem-High Point, NC-VA	1,080,786	1,854,853	58%	1829	49.73%	189.09
36	Dothan, AL-FL-GA	191,359	332,409	58%	2225	44.82%	53.70
37	Albany, GA	272,343	468,178	58%	2540	46.98%	62.74
67	Indianapolis, IN-IL	1,772,015	3,066,469	58%	2721	50.49%	171.37
116	Sioux Falls, SD-IA-MN-NE	298,792	519,143	58%	3567	50.96%	15.11
149	Twin Falls, ID	94,154	162,397	58%	2429	52.02%	14.08
5	Albany-Schenectady-Troy, NY	669,654	1,171,669	57%	2740	48.19%	134.71
16	Staunton, VA-WV	191,771	334,087	57%	1849	50.30%	50.99
27	Augusta-Aiken, GA-SC	343,622	604,799	57%	2004	51.51%	89.79
53	Pittsburgh, PA-WV	1,697,634	2,971,829	57%	2649	51.06%	284.77

EA	EA Name	Subscribers	EA Population	2004 Penetration Rate	2004 HHI	2003 Penetration Rate	EA density
75	Tupelo, MS-AL-TN	355,803	625,002	57%	4820	44.50%	49.76
87	Beaumont-Port Arthur, TX	262,074	456,637	57%	3187	50.64%	89.20
102	Davenport-Moline-Rock Island, IA-IL	319,918	558,913	57%	2514	50.35%	108.27
104	Madison, WI-IL-IA	535,325	933,823	57%	4237	50.55%	71.33
121	North Platte, NE-CO	34,990	61,758	57%	7018	*	4.95
122	Wichita, KS-OK	672,152	1,175,577	57%	1862	48.13%	20.49
132	Corpus Christi, TX	314,474	549,012	57%	2834	49.32%	46.47
166	Eugene-Springfield, OR-CA	448,641	791,776	57%	1938	49.20%	43.10
21	Greenville, NC	461,455	823,517	56%	2687	50.13%	87.74
38	Macon, GA	428,615	768,701	56%	1868	45.47%	62.88
59	Green Bay, WI-MI	375,325	671,225	56%	2468	49.46%	34.15
69	Evansville-Henderson, IN-KY-IL	480,475	854,714	56%	3851	48.72%	75.31
77	Jackson, MS-AL-LA	798,271	1,432,518	56%	2883	49.21%	49.67
93	Joplin, MO-KS-OK	148,544	263,904	56%	3133	46.96%	74.68
94	Springfield, MO	477,887	859,559	56%	3303	48.68%	48.14
100	Des Moines, IA-IL-MO	949,831	1,683,257	56%	3011	49.49%	47.32
101	Peoria-Pekin, IL	298,553	528,671	56%	3451	50.04%	90.99
135	Odessa-Midland, TX	218,156	388,007	56%	3411	49.12%	10.13
138	Amarillo, TX-NM	268,117	481,633	56%	1695	48.55%	11.79
142	Scottsbluff, NE-WY	51,380	92,360	56%	7064	48.66%	7.81
154	Flagstaff, AZ-UT	225,848	401,766	56%	2809	47.81%	8.24
62	Grand Rapids-Muskegon-Holland, MI	1,031,897	1,881,991	55%	2204	48.94%	206.76
88	Shreveport-Bossier City, LA-AR	317,777	573,616	55%	3387	47.80%	57.96
120	Grand Island, NE	157,994	288,047	55%	6654	51.04%	11.56
123	Topeka, KS	251,297	454,539	55%	1760	48.76%	35.62
144	Billings, MT-WY	224,011	404,902	55%	4397	48.60%	4.89
162	Fresno, CA	779,419	1,419,998	55%	3387	48.52%	98.64
165	Redding, CA-OR	184,102	336,820	55%	2031	47.68%	14.36
14	Salisbury, MD-DE-VA	196,676	363,970	54%	5693	44.44%	111.17
45	Johnson City-Kingsport-Bristol, TN-VA	309,456	576,081	54%	1945	48.78%	144.51
55	Cleveland-Akron, OH-PA	2,552,134	4,692,460	54%	2269	49.90%	427.84
56	Toledo, OH	693,046	1,294,395	54%	2873	48.37%	163.94
60	Appleton-Oshkosh-Neenah, WI	232,671	433,250	54%	2427	48.59%	143.62
61	Traverse City, MI	155,942	286,745	54%	4192	64.26%	50.67
68	Champaign-Urbana, IL	342,046	630,898	54%	2923	47.66%	73.47
86	Lake Charles, LA	290,027	536,758	54%	2680	46.34%	52.41
113	Fargo-Moorhead, ND-MN	201,437	371,691	54%	2806	49.16%	16.40
139	Santa Fe, NM	138,946	258,790	54%	3014	49.07%	13.06
147	Spokane, WA-ID	448,385	829,735	54%	2609	47.83%	23.63
169	Richland-Kennewick-Pasco, WA	363,260	677,674	54%	2638	46.13%	27.68
17	Roanoke, VA-NC-WV	441,807	826,284	53%	1898	47.18%	97.83
66	Fort Wayne, IN	382,963	725,847	53%	3274	44.44%	158.50
146	Missoula, MT	209,597	399,183	53%	4762	45.89%	10.79
7	Rochester, NY-PA	776,033	1,493,518	52%	3530	47.17%	167.21
112	Bismarck, ND-MT-SD	91,936	175,427	52%	5005	46.55%	6.26
115	Rapid City, SD-MT-NE-ND	110,364	213,696	52%	4672	44.08%	5.04
126	Western Oklahoma, OK	72,552	139,761	52%	2956	46.26%	12.04
128	Abilene, TX	116,223	222,147	52%	3095	43.07%	20.35

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EA	EA Name	Subscribers	EA Population	2004 Penetration Rate	2004 HHI	2003 Penetration Rate	EA density
136	Hobbs, NM-TX	99,412	190,340	52%	3198	39.68%	11.21
1	Bangor, ME	268,257	526,106	51%	4862	41.79%	20.94
6	Syracuse, NY-PA	966,484	1,902,640	51%	3461	42.68%	104.74
8	Buffalo-Niagara Falls, NY-PA	773,113	1,507,759	51%	2597	44.76%	212.89
46	Hickory-Morganton, NC-TN	265,245	519,208	51%	2428	42.34%	131.90
91	Fort Smith, AR-OK	166,614	329,136	51%	3655	45.10%	46.51
95	Jonesboro, AR-MO	154,723	303,852	51%	4657	46.07%	51.30
171	Anchorage, AK	321,147	626,932	51%	4436	46.30%	1.07
65	Elkhart-Goshen, IN-MI	465,200	936,245	50%	2197	42.39%	185.73
133	McAllen-Edinburg-Mission, TX	490,439	978,369	50%	2902	40.89%	221.96
9	State College, PA	392,843	809,979	49%	3724	41.15%	92.41
110	Grand Forks, ND-MN	113,930	230,253	49%	3973	44.30%	10.16
140	Pueblo, CO-NM	135,990	279,600	49%	2385	42.03%	8.71
157	El Paso, TX-NM	472,875	955,602	49%	2131	40.90%	33.04
109	Duluth-Superior, MN-WI	169,644	350,059	48%	3720	45.38%	18.53
117	Sioux City, IA-NE-SD	121,534	252,656	48%	3437	39.92%	39.51
4	Burlington, VT-NY	286,981	605,393	47%	4686	39.36%	57.62
47	Lexington, KY-TN-VA-WV	865,432	1,851,367	47%	2229	39.30%	80.39
72	Paducah, KY-IL	104,416	226,586	46%	6137	36.16%	70.02
108	Wausau, WI	220,454	487,723	45%	2314	37.28%	34.13
48	Charleston, WV-KY-OH	532,973	1,199,373	44%	2323	37.88%	85.35
54	Erie, PA	228,329	519,348	44%	4049	38.67%	116.41
105	La Crosse, WI-MN	106,090	241,903	44%	4045	36.98%	53.67
145	Great Falls, MT	73,428	166,564	44%	4290	39.15%	4.23
168	Pendleton, OR-WA	86,350	200,681	43%	3327	38.00%	8.67
52	Wheeling, WV-OH	136,660	327,645	42%	4188	37.54%	124.54
76	Greenville, MS	101,760	252,280	40%	3411	39.54%	40.96
58	Northern Michigan, MI	101,308	269,986	38%	4563	44.38%	28.53
129	San Angelo, TX	75,956	202,679	37%	2871	42.11%	10.05
114	Aberdeen, SD	*	82,608	*	*	*	5.39

* Data withheld to maintain firm confidentiality.

Source: Federal Communications Commission internal analysis based on preliminary year-end 2004 filings for Numbering Resource Utilization in the United States. Population based on 2000 Census. Density is persons per square mile.

**Table 4: Top 25 Mobile Telephone Operators by Subscribers
(in thousands)**

Year-End 2003			Year-End 2004	
	Operator	Total	Operator	Total
1	Verizon Wireless	37,522	Cingular Wireless (2)	49,109
2	Cingular Wireless	24,027	Verizon Wireless	43,816
3	AT&T Wireless	21,980	Sprint PCS (3)(4)	21,507
4	Sprint PCS	15,900	T-Mobile	17,314
5	T-Mobile	13,128	Nextel (3) (5)	16,247
6	Nextel	12,882	ALLTEL (6)	8,626
7	ALLTEL	8,023	US Cellular	4,945
8	US Cellular	4,409	Dobson Comm.	1,609
9	Dobson Comm.	1,552	Nextel Partners	1,602
10	Leap Wireless	1,473	Leap	1,569
11	Western Wireless	1,290	MetroPCS (7)	1,500
12	Nextel Partners	1,233	Western Wireless (6)	1,395
13	Centennial (1)	997	Centennial (8)	1,098
14	MetroPCS	977	Triton PCS (now Suncom)	951
15	Triton PCS	895	Alamosa PCS (9)	915
16	Qwest	871	Qwest (10)	754
17	Rural Cellular	746	Rural Cellular	730
18	Alamosa PCS	727	Cincinnati Bell Wireless	481
19	US Unwired	618	US Unwired	469
20	Cincinnati Bell Wireless	474	Cellular South	400
21	Cellular South	400	AirGate PCS (9)	400
22	AirGate PCS	360	Midwest Wireless	400
23	Midwest Wireless	350	Ubiquitel	497
24	Ubiquitel	328	SouthernLINC	260
25	Southern LINC	260	iPCS (11)	249

Sources: For 2003, see *Ninth Report*, at 20697. For 2004, publicly available company documents such as operators' news releases and filings made with the Securities and Exchange Commission. SouthernLINC, *Frequently Asked Questions* (visited June 15, 2005) <<http://www.solinc.com/faqs.asp>> (Southern LINC); Midwest Wireless, *Company Facts* (visited June 15, 2005) <<http://www.midwestwireless.com/Home/AboutUs/CompanyFacts.htm>> (Midwest Wireless); Rhonda Wickham, *Down Home In The Cellular South*, WIRELESSWEEK, Mar. 22, 2004 (Cellular South); MetroPCS, *MetroPCS Announces Signing of 1.5 Millionth Customer*, News Release, Feb. 28, 2005 (MetroPCS).

Notes

- (1) As of Nov. 30, 2003, includes Puerto Rico, the US Virgin Islands, and the Dominican Republic.
- (2) Cingular Wireless acquired AT&T Wireless in November 2004. *See* Section III.D.1, Sales and Swaps, *supra*.
- (3) On August 12, 2005, Sprint PCS completed its merger with Nextel. *See* Section III.D.1, Sales and Swaps, *supra*.
- (4) Includes retail (17.8 million) and wholesale (3.7 million) subscribers, including Virgin Mobile and Qwest.
- (5) Includes Nextel subsidiary Boost Mobile.
- (6) On August 1, 2005, ALLTEL completed its acquisition of Western Wireless. *See* Section III.D.1, Sales and Swaps, *supra*.
- (7) As of Feb. 28, 2005.
- (8) On Feb. 15, 2005, Alamosa completed its acquisition of AirGate PCS. *See* note 134, *supra*.
- (9) In the second quarter of 2004, existing Qwest subscribers began transitioning to Sprint PCS's network as Qwest exited the facilities-based provision of wireless service. . Sprint expected this transfer to be substantively complete by the end of the first quarter of 2005. Sprint, SEC Form 10K, filed Apr. 29, 2005, at 4. *See also Ninth Report*, at 20627-20628.
- (10) On July 1, 2005, iPCS completed its merger with Horizon PCS, another Sprint PCS affiliate. *See* note 134, *supra*. Horizon PCS reported 189,000 subscribers as of Dec. 31, 2004.

**Table 5: Estimated Mobile Telephone Rollouts
by County**

Total Number of Providers in a County	Number of Counties	POPs Contained in Those Counties (1)	% of Total US POPs	Square Miles Contained in Those Counties	% of Total US Square Miles
3 or More	2501	276,607,548	96.9%	2,252,631	62.5%
4 or More	1994	265,843,377	93.2%	1,741,091	48.3%
5 or More	1500	249,136,025	87.3%	1,255,885	34.8%
6 or More	770	117,882,887	41.3%	609,148	16.9%
7 or More	268	35,951,710	12.6%	210,433	5.8%

Source: Federal Communications Commission estimates based on publicly available information.

Notes:

- (1) POPs from the 2000 Census;
(2) United States and Puerto Rico

Table 6: Mobile Telephone Digital Coverage

Technology	POPs in Those Areas (1)	% of Total POPs (2)	Square Miles Contained in Those Counties	% of Total Square Miles
CDMA	279,966,795	98.1%	3,017,538	83.7%
TDMA / GSM	277,837,880	97.4%	2,445,612	67.8%
iDEN	262,564,508	92.0%	1,707,650	47.3%
Total Digital	284,904,797	99.8%	3,211,352	89.0%

Source: Federal Communications Commission estimates based on publicly available information.

Notes:

Broadband PCS and digital SMR licensees are analyzed by county; cellular licensees are analyzed by cellular market areas ("CMAs").

POPs from the 2000 Census.

Table 7: Change in CPI

	CPI		Cellular CPI		All Telephone CPI		Local Telephone CPI		Long Distance Telephone CPI	
	Index Value	Annual Change	Index Value	Annual Change	Index Value	Annual Change	Index Value	Annual Change	Index Value	Annual Change
Dec 1997	100		100		100		100		100	
1998	101.6		95.1		100.7		101.6		100.5	
1999	103.8	2.2%	84.9	-10.7%	100.1	-0.6%	103.4	1.8%	98.2	-2.3%
2000	107.3	3.4%	76	-10.5%	98.5	-1.6%	107.7	4.1%	91.8	-6.5%
2001	110.3	2.8%	68.1	-10.4%	99.3	0.8%	113.3	5.2%	88.8	-3.3%
2002	112.1	1.6%	67.4	-1.0%	99.7	0.4%	118.5	4.5%	84.9	-4.4%
2003	114.6	2.3%	66.8	-0.9%	98.3	-1.4%	123.3	4.1%	77.8	-8.4%
2004	117.7	2.7%	66.2	-0.9%	95.8	-2.5%	125.1	1.5%	70.9	-8.9%
Dec 1997 to 2004		17.7%		-33.8%		-4.2%		25.1%		-29.1%

Source: Bureau of Labor Statistics.

Table 8: Average Revenue Per Minute

	Average Local Monthly Bill	Minutes of Use Per Month	Average Revenue Per Minute	Annual Change
1993	\$61.49	140	\$0.44	
1994	\$56.21	119	\$0.47	8%
1995	\$51.00	119	\$0.43	-9%
1996	\$47.70	125	\$0.38	-11%
1997	\$42.78	117	\$0.37	-4%
1998	\$39.43	136	\$0.29	-21%
1999	\$41.24	185	\$0.22	-23%
2000	\$45.27	255	\$0.18	-20%
2001	\$47.37	380	\$0.12	-30%
2002	\$48.40	427	\$0.11	-9%
2003	\$49.91	507	\$0.10	-13%
2004	\$50.64	584	\$0.09	-12%

Note: Data covers the last six months of each year.

Source: See Appendix A, Table 1, at A-2 (ARPU); Dec 2004 CTIA Survey, at 219 (minutes of use).

Table 9: Market Entry Over Time

Total Number of Providers in a County	Percent of Total US POPs Covered					
	Tenth Report	Ninth Report	Eighth Report	Seventh Report	Sixth Report	Fifth Report
3 or more	96.9%	96.8%	94.7%	94.1%	90.8%	87.8%
4 or more	93.2%	93.0%	89.3%	88.7%	84.4%	79.8%
5 or more	87.3%	87.5%	82.6%	80.4%	75.1%	68.5%
6 or more	41.3%	75.8%	71.1%	53.1%	46.7%	34.6%
7 or more	12.6%	29.5%	25.4%	21.2%	11.9%	4.4%

Source: FCC estimates

**Table 10: Mobile Market Structure and Performance
in Selected Countries**

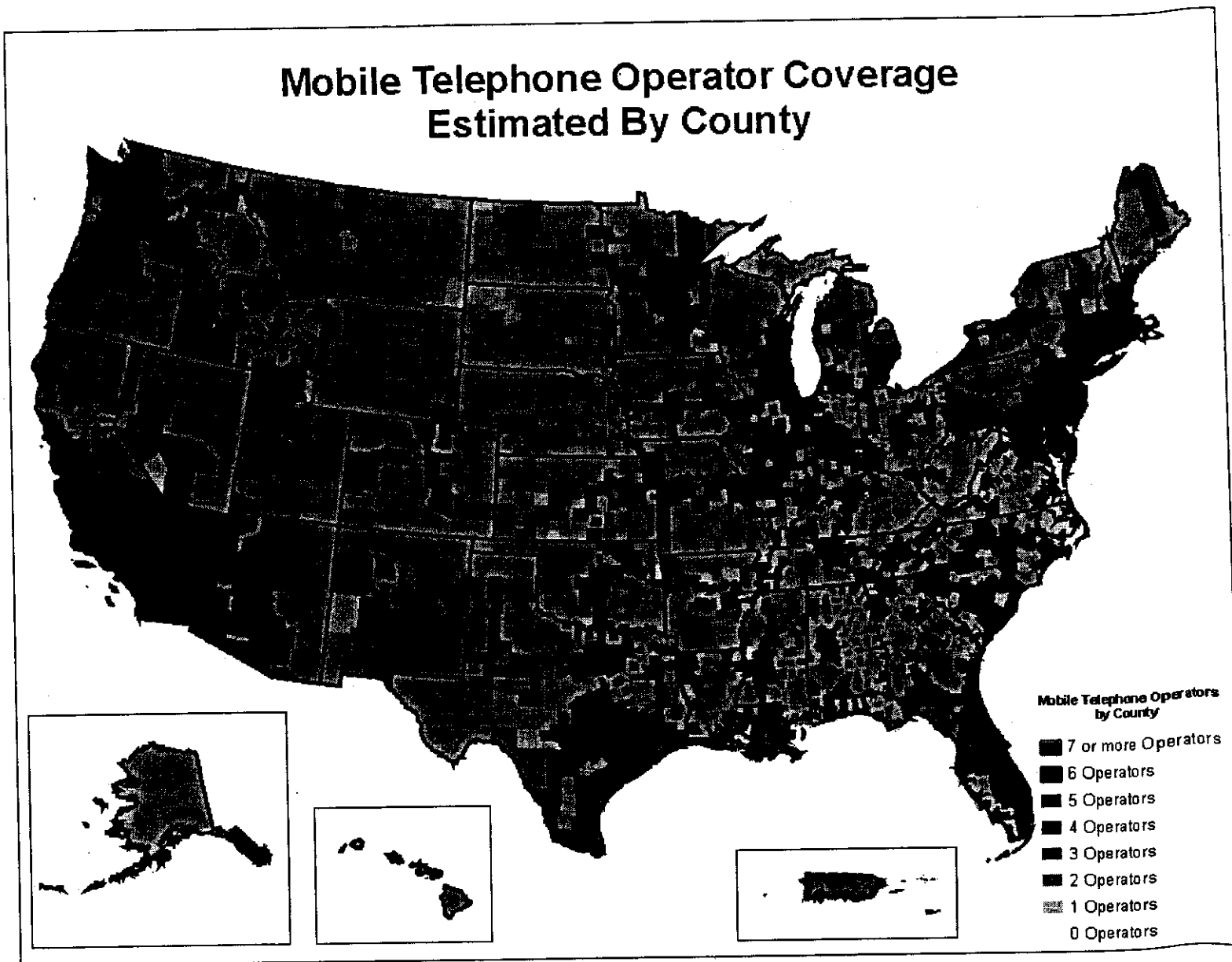
Country	Number of Players	Penetration (%)	MOUs	Revenue per Minute (\$)	Data (% of ARPU)
Mobile Party Pays					
USA	5+	61	630	0.08	6
Canada	3	47	359	0.11	7
Hong Kong	6	106	387	0.06	9
Singapore	3	90	282	0.10	18
Calling Party Pays					
UK	5	104	151	0.22	20
Germany	4	87	76	0.35	18
Italy	4	110	120	0.26	14
France	3	74	225	0.17	13
Spain	3	99	135	0.27	13
Finland	3	95	258	0.16	13
Japan	3+	71	154	0.32	24
South Korea	3	76	316	0.10	17
Australia	4	89	168	0.21	13

Sources: Glen Campbell *et al.*, *Global Wireless Matrix 4Q04*, Global Securities Research & Economics Group, Merrill Lynch, Apr. 13, 2005. The reason for distinguishing countries that use calling party pays ("CPP") from those that use mobile party pays is that CPP may contribute to higher mobile penetration, lower usage, and higher revenue per minute in CPP countries. See Section VI.D, International Comparisons, *supra*.

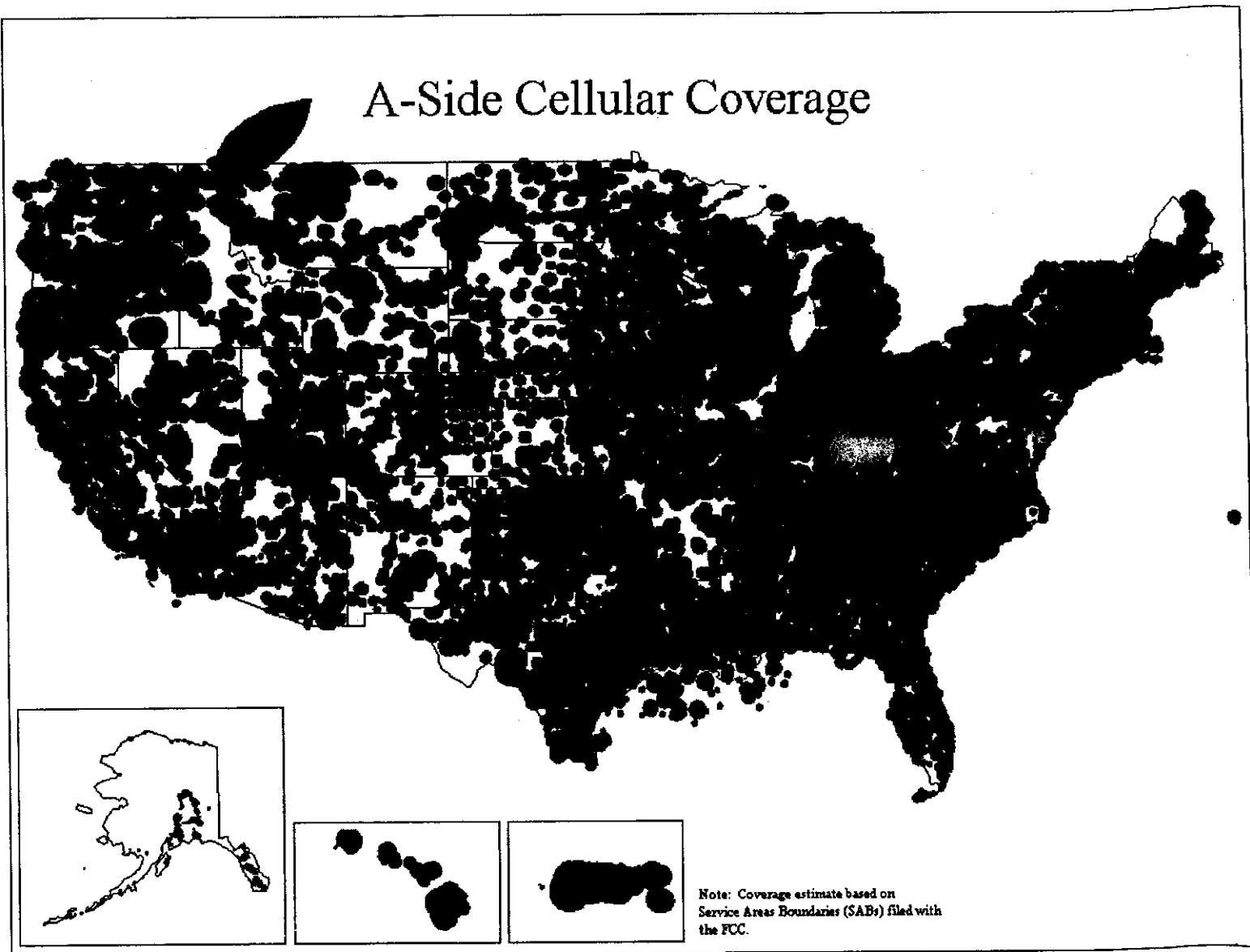
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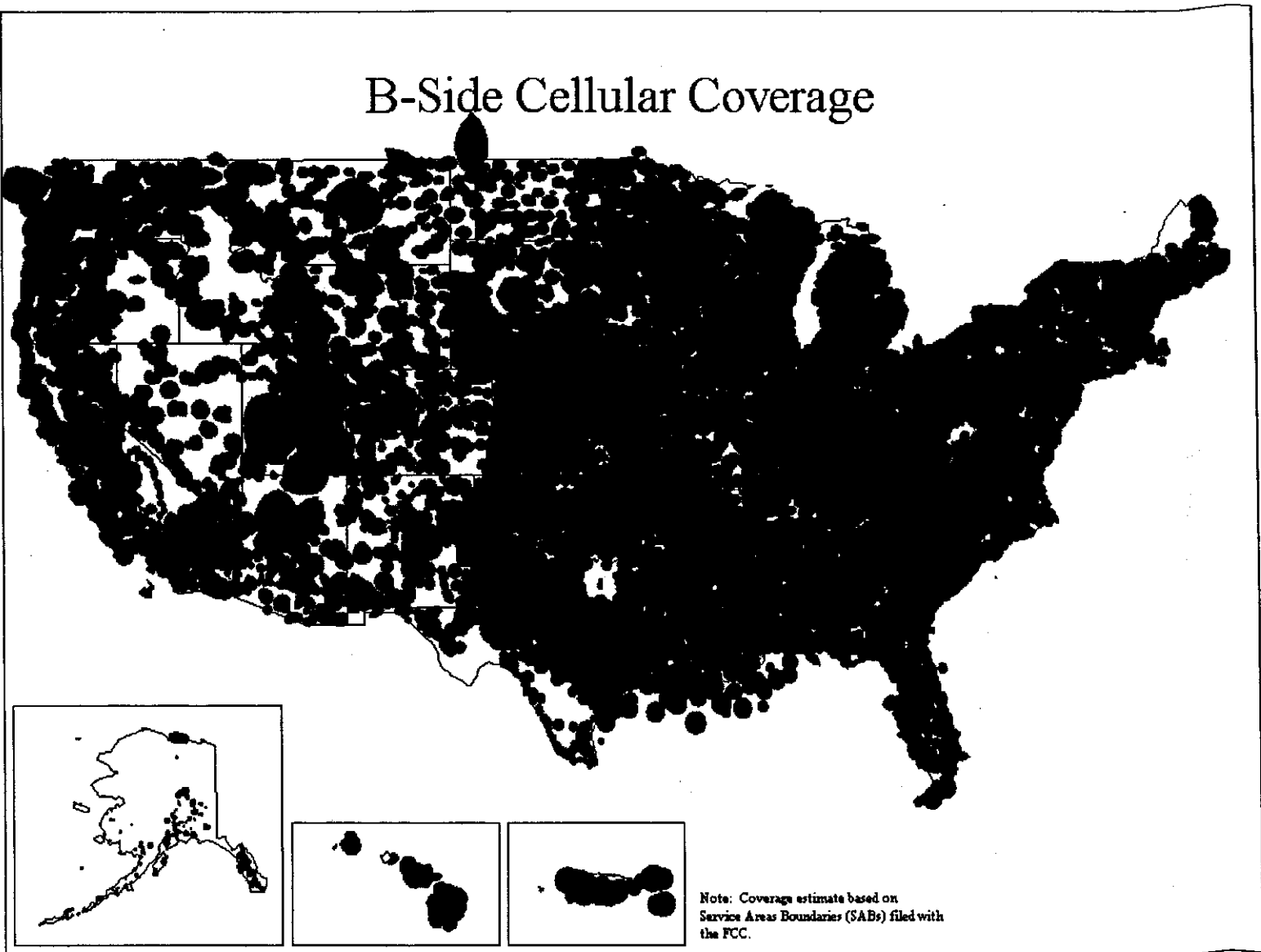
Map 1



Map 2

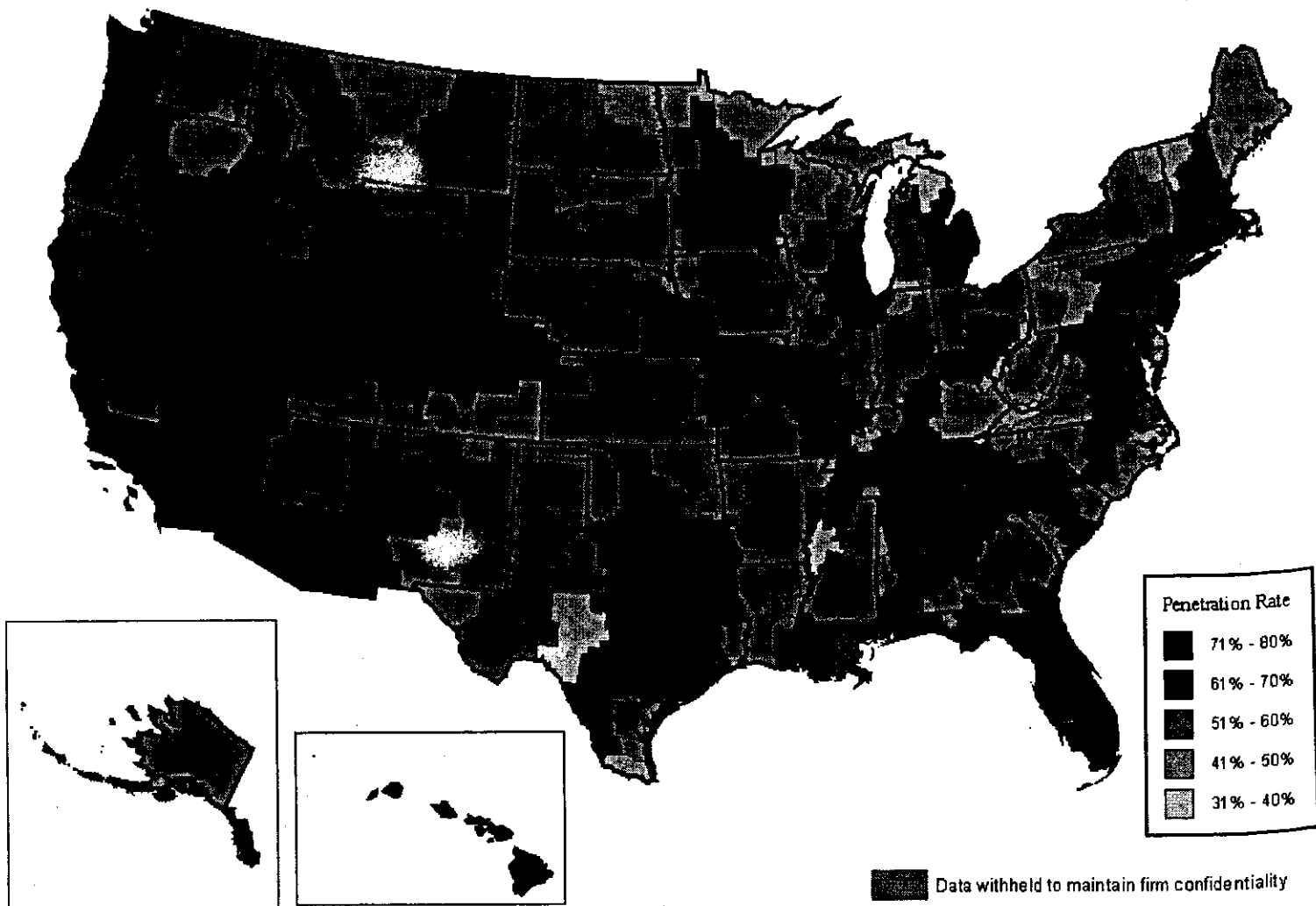


Map 3



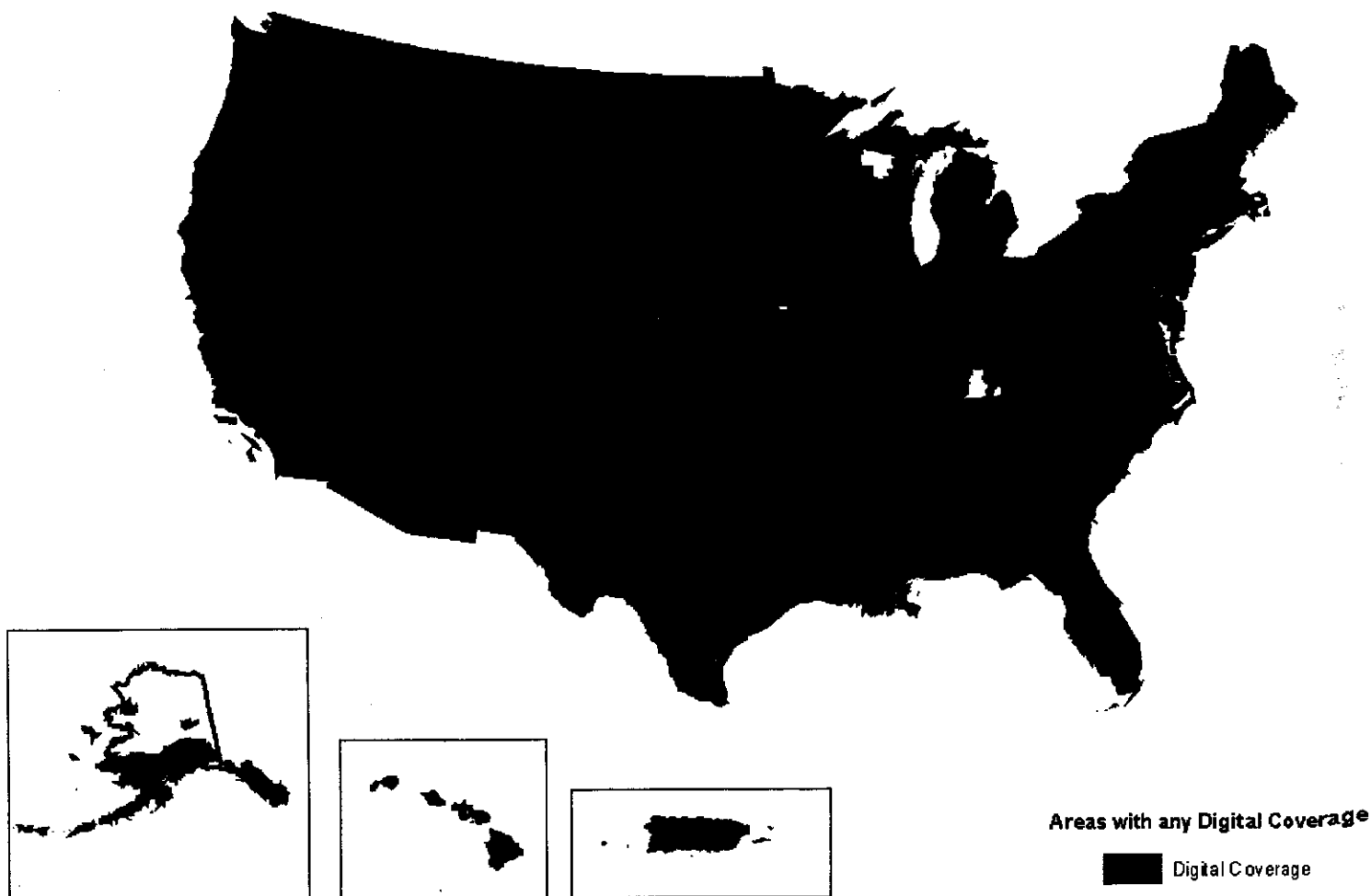
Map 4

Mobile Wireless Penetration Estimated By Economic Area

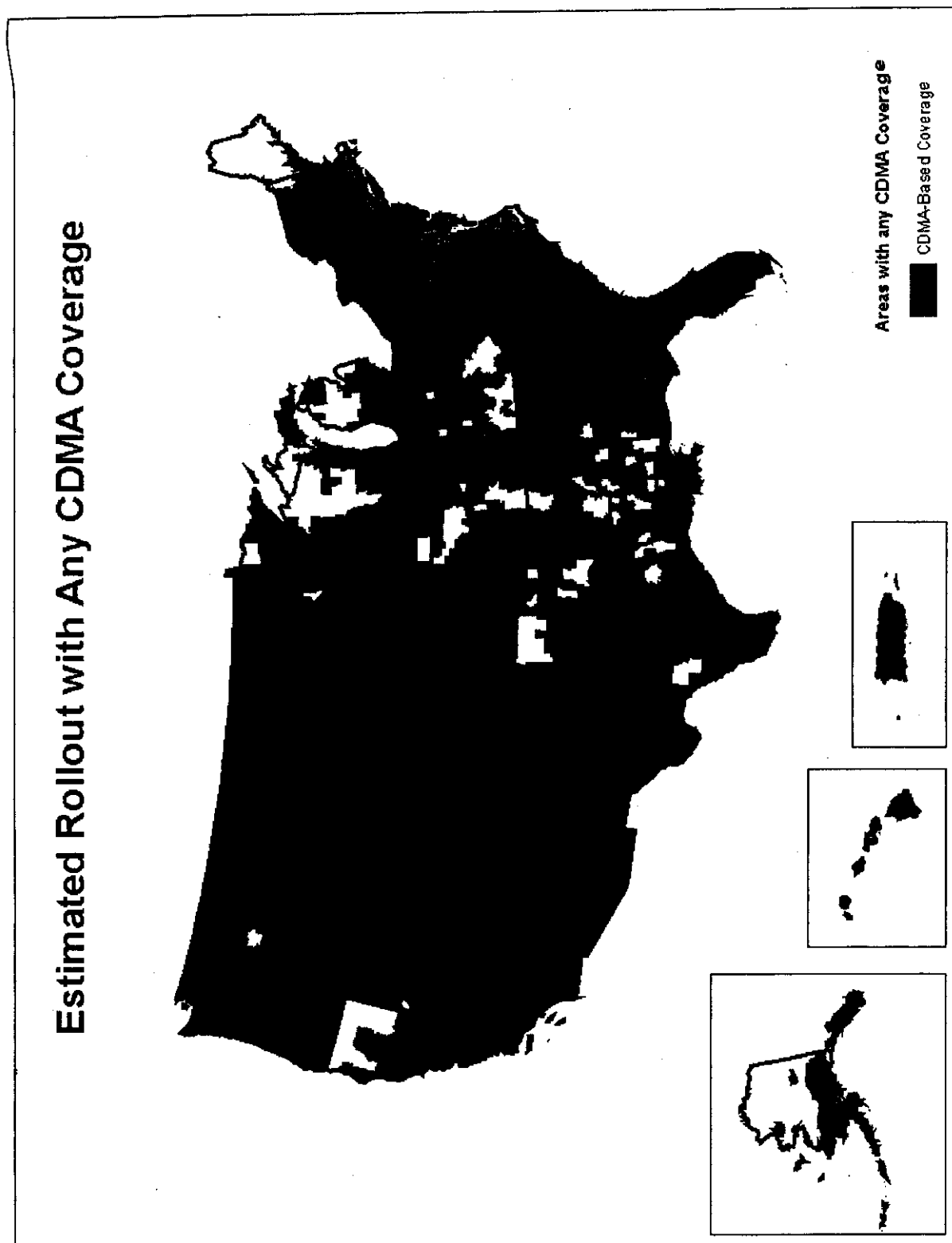


Map 5

Estimated Rollout with Any Digital Coverage

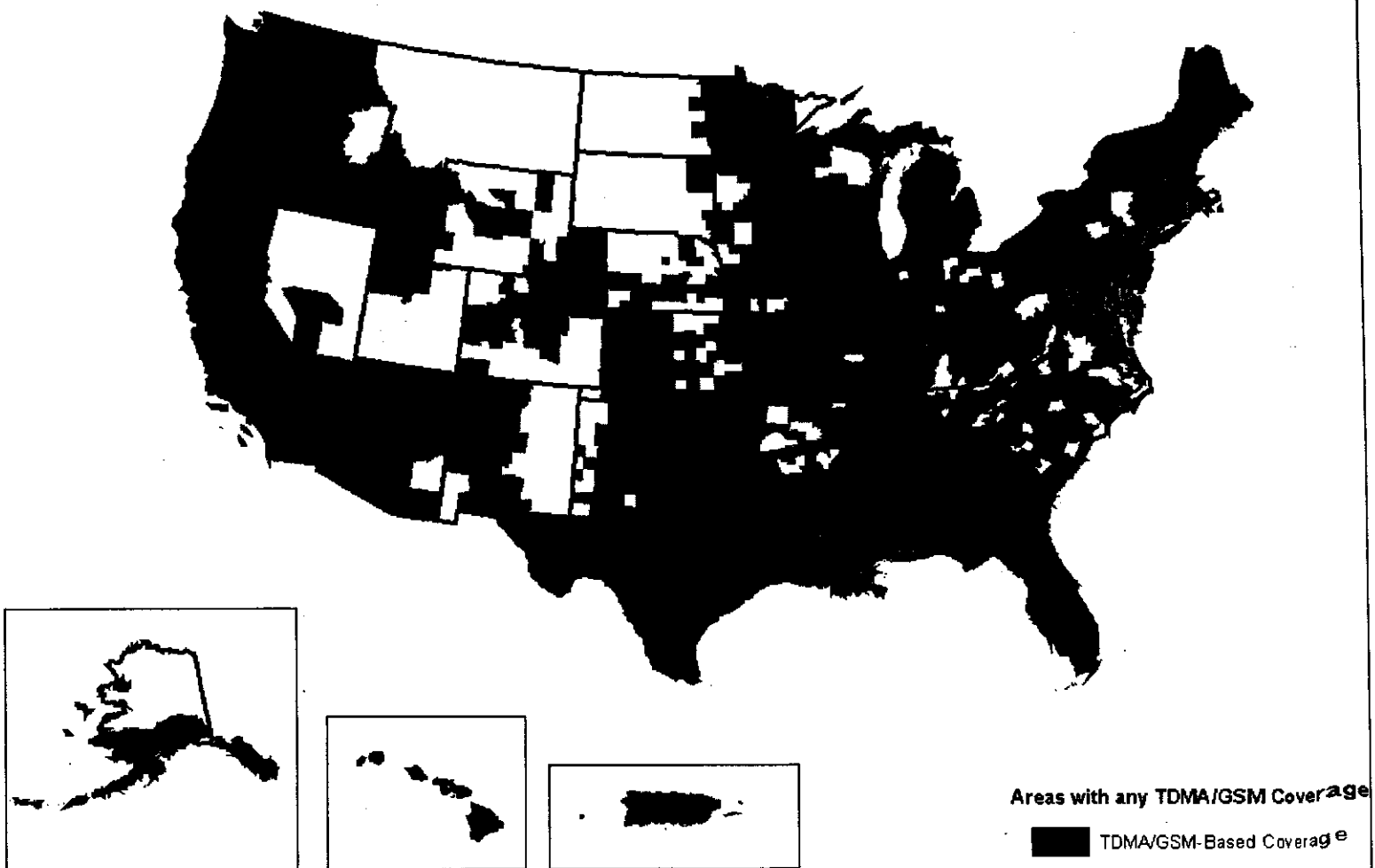


Map 6

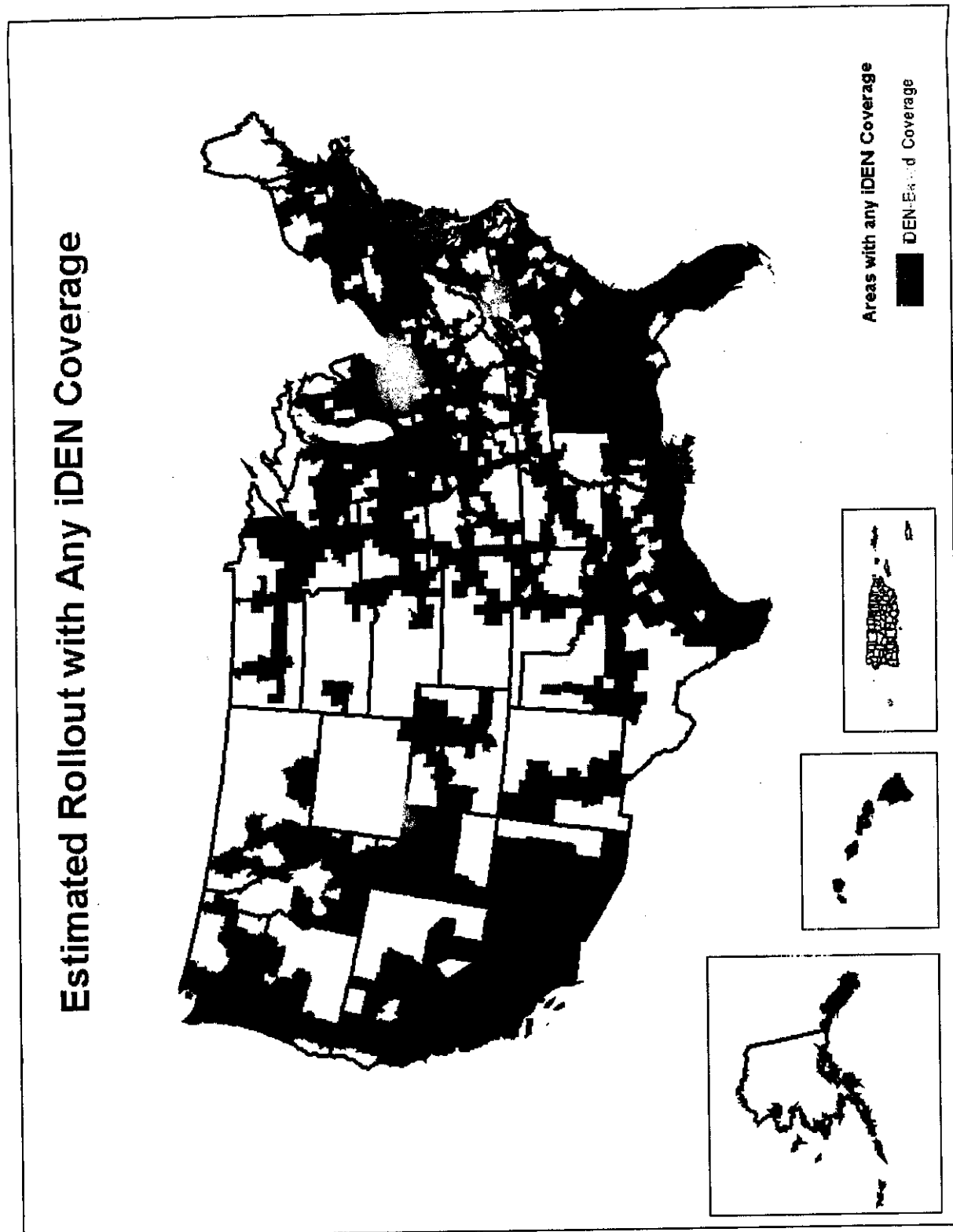


Map 7

Estimated Rollout with Any TDMA/GSM Coverage



Map 8



Map 9

Next Generation Network Rollout in the United States Estimated by County

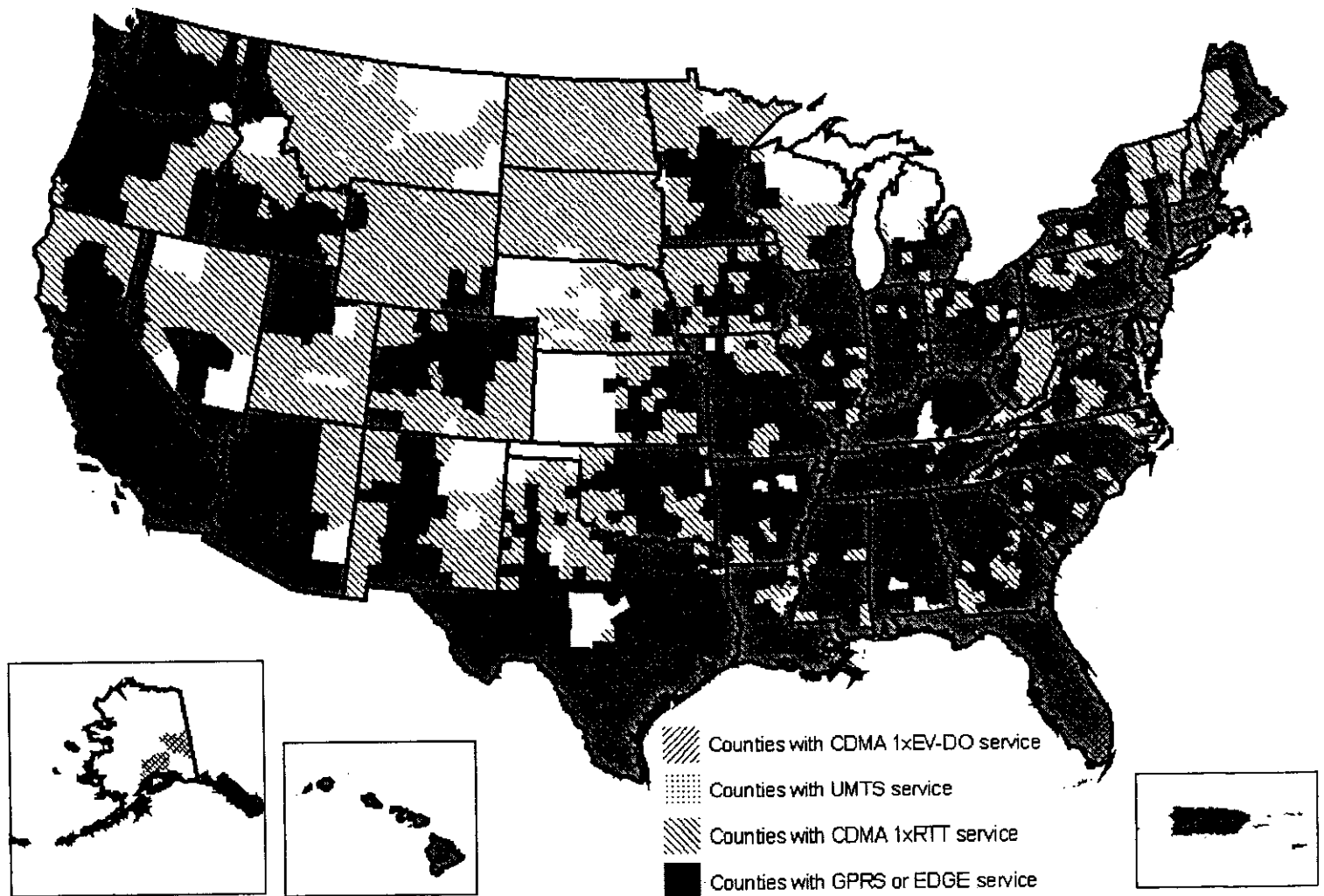


Table 1: Geographic Licensing Schemes

Geographic Licensing Schemes	Number of Market Areas	Note
Basic Trading Areas (BTAs)	493	BTAs make up MTAs
Major Trading Areas (MTAs)	51	
Cellular Market Areas (CMAs)	734	Also known as MSAs and RSAs
Economic Areas (EAs)	175	

The 493 Basic Trading Areas (BTAs)

BTA-Like areas not shown:
B488 San Juan, PR
B489 Mayagues, PR
B490 Guam
B491 US Virgin Islands
B492 American Samoa
B493 Northern Mariana Islands

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Map 11

The 51 Major Trading Areas (MTAs)

